

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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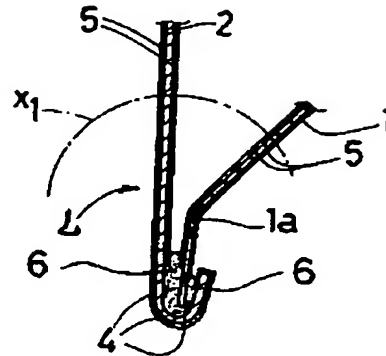
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APPLICANT : NITTO ELECTRIC IND CO LTD;

INVENTOR : ASOSHINA HIDESHI;

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TITLE : RUST PREVENTION TREATING  
METHOD OF AUTOMOTIVE BODY



**ABSTRACT :** PURPOSE: To prevent corrosion of a steel plate from the gap in the hemmed or mated part of an automotive body and to perform an effective rust preventive treatment by inserting an expandable sealing material in said gap and subjecting said body to electrodeposition painting then baking by heating.

**CONSTITUTION:** An expandable sealing material 6 is inserted in the gap 4 of a hemmed part L consisting of an inside plate 1 and outside plate 2 of an assembled automotive body and thereafter a paint coated film 5 is formed by electrodeposition painting. Said material 6 is expanded and cured in the stage of baking said film 5 by heating to fill said gap 4 with the material 5 and to bulge a part thereof to the surface of the film 5 near the gap 4. The seal having high liquid tightness is thus formed between the material 6 and the steel plate surface as well as between said material and the film 5, thereby preventing the corrosion from the gap 4. The above-mentioned baking by heating is accomplished for 1~60min at 120~200°C and the material 6 is expanded adequately to 1.5~10 times the rate of expansion.

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